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MUSEUM HANDBOOKS

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THE MANCHESTER MUSEUM
OWENS COLLEGE

MUSEUM HANDBOOKS

A CATALOGUE

OF THE

BOOKS AND PAMPHLETS

IN THE LIBRARY

ARRANGED ACCORDING TO SUBJECTS AND AUTHORS

BY

WILLIAM E. HOYLE, M.A., F.R.S.E.

KEEPER OF THE MUSEUM

MANCHESTER: J. E. CORNISH

1895

INTRODUCTION.

THE present catalogue owes its appearance in print to the generosity of several gentlemen, who have provided the greater part of the cost, in the hope that it might be serviceable not only to the students of the College, but to the naturalists of the district.

The nucleus of the Manchester Museum Library was formed by a collection of books belonging to the Manchester Natural History Society, which was transferred to the Council of the Owens College together with the collections. This was considerably increased by means of a donation of £500 from the legatees of the late Sir Joseph Whitworth, and further additions have been received from numerous friends and benefactors, as well as from various learned societies, whose names will be found in the lists of donors published from time to time in the Museum Reports. A number of additions have also been made every year from the funds of the Museum.

A few words, regarding the principles which have guided the compilation of this catalogue, may perhaps not be out of place. Since the question most often asked by workers in the Museum is, "What does our library contain on such a subject?" it seemed advisable to arrange the main part of the catalogue according to subjects, and to guard against difficulties which must arise from a book treating of more

topics than one by a liberal use of cross references. It has not, however, been deemed necessary to make three entries for each pamphlet that describes a single fossil from a single formation in a single locality. The full entry, with imprint, &c., will be found in that class in which the book itself is placed, whilst cross references consist merely of the title more or less abbreviated.

The scheme of classification, according to which the books are arranged, is the Decimal System of Professor Melvill Dewey. The system consists in dividing the subjects on which books have been written into classes, and fixing a number to each. There are ten main divisions; each of these is sub-divided into ten, and each of these once more into ten, so that 1,000 classes called "sections" are formed. By the addition of decimal places sub-sections are formed, and the process can be carried out to any required degree of minuteness. In the case of the present catalogue the class 582, "Gymnospermæ," has not been sub-divided, as only nine works are entered there, whilst 594, "Mollusca," relating to which there are many books and pamphlets, has been sub-divided to four places of decimals, 594.0948 being the class-number corresponding to "Mollusca of Scandinavia," in which there are twenty-seven entries. Every digit composing this number marks a distinct narrowing in its significance. Thus, 500 is "Natural Science," 590 "Zoology," 594 "Mollusca," 594.0 "Mollusca in general, not any particular class," 594.09 "Geographical distribution," 594.094 "Mollusca of Europe," 594.0948 "Mollusca of Scandinavia." These last three digits might be affixed to other sections, but would always indicate the same country, for example,

581.948 would be "Botany of Scandinavia." The class number corresponding to any subject can be readily found in the admirable index appended to Dewey's "Decimal Classification and Relative Index," a copy of which is in the library. The classes represented in the Museum Library are given in order in the table of contents, and the class numbers are given at the head of each division throughout the catalogue as well as in the index at the end of the volume. As far as the users of the library are concerned these are merely shelf numbers and they need know nothing of the system on which they are based.

This system has been very widely adopted in America and in this country, so far as I am aware, in the following institutions: Manchester Free Reference Library, National Library of Ireland, Literary and Philosophical Society's Library, Newcastle-on-Tyne; whilst a modified decimal system has been recently introduced into the Library of the Owens College. A few years ago, a catalogue of the Ashton-under-Lyne Free Library was printed, in which Dewey's main divisions were adopted; but it is believed that the present catalogue is the first published in this country in which the method has been fully carried out. It would be out of place here to enter upon a discussion of the merits of the system; suffice it to say that the practical experience of the past five years has fully justified its adoption.

In each class the books are arranged according to Cutter's "Decimal Author Table," whereby each receives a book number, which is virtually an abbreviation of the author's name; they thus stand on the shelves alpha-

betically according to authors. It is of course necessary to indicate whether a work will be found among the octavo, quarto, or folio books, or among the unbound pamphlets. This is done by prefixing "q," "f," or "p" to the book number. The class and book numbers given as above form a shelf number or reference to the relative position of the book, which never requires altering, however much the library may grow—a point on the value of which it is impossible to insist too strongly.

The size notation is that given in the "Library School Rules" of Melvill Dewey, according to which the symbols "O.," "Q.," &c., indicate a definite number of centimetres in height. (See p. xvi.) The symbols "8vo" and "4to" are used strictly to indicate the folding of the sheets, a piece of information which is of no use to the general reader. It is entered in the Accession Book for the benefit of the bibliographer. The number of pages (or volumes) is given so that the reader may have some idea of the extent of the work he desires to consult.

Every pamphlet has been catalogued, for it has been thought that whatever is worthy of space in the library also deserves a place in the catalogue. No attempt has been made to distinguish between books, properly so called, and extracts from periodicals and transactions. The line of demarcation is by no means always easy to draw, and, as the main object of the present catalogue is its utility to working naturalists, it did not appear that the time required for such an undertaking would be well spent. Wherever possible, however, the date and place of publication have been given. The date is that of the actual issue, when this could be ascertained with

certainty. In the case of reprints from the Reports of the British Association the date given is that of the meeting. These separate copies are usually issued at the meeting, though the complete volume may not appear till the following year.

Russian names have been transliterated according to the system advocated by certain students in *Nature*, February 27th, 1890, and adopted in many of the principal scientific libraries.

To answer the question, "Does the library possess a given work of a given author?" a supplementary catalogue has been added, in which the works are arranged under the authors' names, but with the titles contracted as much as was possible consistently with the recognition of the work. This catalogue contains:—

1. Names of authors, editors, and translators. The full names have been given where these were readily ascertainable, but a complete research in this direction has not been attempted.
2. Titles of periodical publications and transactions of learned societies, under the first word of each, not being an article. "Reports" are entered under that heading, even if preceded by an adjective.
3. Names of towns where periodicals are published, or which are the head-quarters of the societies issuing them.
4. Names of ships, the results of whose voyages are described.
5. Titles of anonymous works under the first word which is not an article.

In conclusion, I must fulfil the pleasant duty of expressing my thanks to the many friends and colleagues who have given encouragement and assistance, amongst whom I would especially mention Dr. Garnett, of the British Museum; Mr. W. Archer, of the National Library of Ireland; Mr. R. D. Darbishire; Mr. C. W. Sutton, Chief Librarian of the Manchester Free Libraries; Mr. C. Davies Sherborn, and Mr. B. B. Woodward and his staff at the General Library of the British Museum (Natural History). This catalogue, like all things human, must include faults and errors, but I would ask those who may be critically disposed to bear in mind that it is the work of one who is not a professional librarian, and has had to be accomplished amid the constant interruptions which are inseparable from the life of a Museum Curator. I know that I shall be most leniently judged by those who have carried out similar work themselves.

W. E. H.

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ABBREVIATIONS.

ed. - -	Editor or edited by.
transl. -	Translation, translator, or translated by.
Rev. - -	Reverend.
rev. - -	Review or reviewed by.
p. - -	Page or pages.
v. - -	Volume or volumes.
n.d. - -	No date.
n.p. - -	No place of publication
n.t.p. - -	No title page.
t.p.w. -	Title page wanting.
v.p. - -	Various paginations.
v.y. - -	Various years.
⌜ ⌟ -	Information supplied by cataloguer.

For Size Notation.

	Height in centimetres.		Height in centimetres.
T. - -	12.5—15.	O. - -	20—25.
S. - -	15 —17.5.	Q. - -	25—30.
D. - -	17.5—20.	F. -	above 30.

CLASSIFIED CATALOGUE.

000 GENERAL WORKS.

010 BIBLIOGRAPHY.

012 Special Authors.

Girard, C. The published writings of—. Bibliographies of American naturalists. By G. B. Goode. 141 p. O. Washington 1891. 506.73 W272

Lawrence, G. N. The published writings of—. By L. S. Foster. 124 p. O. Washington 1892. 506.73 W272

Pouchet, G. Liste des travaux scientifiques de—. 63 p. Q. Paris 1886. 012 qpP86

Woodward, A. S. List of the scientific writings of Arthur Smith Woodward. Decade I. (1882-92). 7 p. O. Hertford 1893. 012 pW87

016 Special Subjects.

Agassiz, L. Bibliographia zoologiæ et geologiæ. (Ray Soc.) 4 v. O. London 1848-54. 016 Ag1

Brown, W. H. Dates of publication of "Recherches sur les poissons fossiles," par L. Agassiz. 5 p. O. London 1890. 016 pB81

Davidson, T., & W. H. Dalton. Bibliography of fossil brachiopoda. 564.8 qD28

Engelmann, W. Bibliotheca historico-naturalis. 786 p. O. Leipzig 1846. 016 En3

Etheridge, R. Note on the bibliography of Lord Howe Island. 5 p. O. Sydney 1889. 016 pEt3

——— Contributions to a catalogue of works, reports, and papers on the anthropology, ethnology, and geological history of the Australian and Tasmanian aborigines. Part I. 31 p. F. Sydney 1890. 016 fpEt3

——— ——— Part II. 49 p. F. Sydney 1891. 016 fpEt3

Etheridge, R., & R. L. Jack. Catalogue of works, papers, reports, and maps on the geology . . . . of the Australian continent and Tasmania. 196 p. O. London 1881. 016 Et3

"Hirondelle." Liste des publications faites d'après les matériaux ou les observations provenant des campagnes du yacht l'Hirondelle. 8 p. O. Paris, n.d. 016 pH61

Jackson, B. D. Guide to the literature of botany; being a classified selection of Botanical Works, including nearly 6,000 titles not given in Pritzel's "Thesaurus." (Index Society.) 626 p. O. London 1881. 016 J13

Ormerod, G. W. A classified index to the [publications] of the Geological Society. 149 p. O. London 1858. 016 Or5

017—019 LIBRARY CATALOGUES.

017 Classified Catalogues.

Dulau & Co. Catalogue of zoological and palæontological books offered for sale by—. v. p. D. London 1888-91. 017 D88

Manchester. Catalogue of the library of the Manchester Natural History Society. 16 p. D. Manchester 1862. 017 M31

——— **Chetham Library.** Bibliotheca Chethamensis: sive bibliothecæ publicæ Mancuniensis ab Humfredo Chetham Armigero fundatæ catalogus exhibens libros in varias classes pro varietate argumenti. v. 1 and 2 by J. Radcliffe. O. Mancunii 1791. v. 3 by G. P. Greswell. Mancunii 1826. 017 M311

018 Author Catalogues.

Bohn, H. G. A catalogue of books. 2096 p. O. London 1841. 018 B63

Calcutta, Public Library. Catalogue of the—. 487 p. O. Calcutta 1846. 018 C12

Edinburgh, Public Library. Catalogue of books in the reference library. 317 p. O. Edinburgh 1891. 018 Ed4

Friedlaender, R., & Sohn. Bibliotheca historico-naturalis et mathematica. v. p. O. Berlin 1886. 018 F91

London, Royal Society. Catalogue of the scientific books in the library of—. General catalogue. 1199 p. O. London 1883. 018 L84

——— Transactions, journals, observations and reports, surveys, museums. 261 p. O. London 1881. 018 L841

Manchester, Medical Society. List of journals, reports, and transactions received on publication. 7 p. O. Manchester [1892]. 018 pM31

Naples, Zoologische Station. Zweiter Nachtrag zum Bibliothekskatalog der zoologischen Station zu Neapel. 51 p. O. Leipzig 1879. Dritter Nachtrag, u. s. w. 41 p. O. Leipzig 1881. 018 pN16

Oxford :

Radcliffe Library. Catalogue of books on natural science up to December, 1872. With an appendix containing a list of works on India, having reference to comparative national health. 566 p. Q. Oxford 1877. 018 qOx21

——— Catalogue of books added to the—, during the years 1877 to 1888. v. p. Q. Oxford 1878-89. 018 qOx22

——— Catalogue of transactions of societies, periodicals, and memoirs in the Reading Room. Ed. 4. 95 p. O. Oxford 1887. 018 Ox2

Salford Borough, Royal Museum and Library. Catalogue of the library, with the rules and regulations. 237 p. O. Manchester 1851. 018 Sa3

Willis & Sotheran. A catalogue of upwards of fifty thousand volumes, &c. 594 p. O. London 1862. 018 W67

Wood, W. Catalogue of an extensive and valuable collection of the best works on natural history, arranged in classes according to the Linnean system. 208 p. O. London 1832. 018 W85

019 Dictionary Catalogues.

Dublin, National Library of Ireland. Supplemental catalogue of books, by author, title, subject, and class, added to the National Library of Ireland from 1874-79 and during the years 1880-88. 10 v. O. Dublin, v.y. 019 D85

Edinburgh, Public Library. Catalogue of books in the lending library. 538 p. O. Edinburgh 1891. 019 Ed4

Friedlaender, R., & Sohn. Verlags-catalog von—. 1830-1890. 240 p. O. Berlin 1891. 019 F91

Glasgow, University Library. Students' catalogue. By J. LYMBURN. 128 p. O. Glasgow 1887. 019 G46

Manchester. Catalogue of the Manchester Free Library, reference department. v. 1 and 2 by A. CRESTADORO, and index. 3 v. O. Manchester 1864-1881. 019 M31

020 LIBRARY ECONOMY.

Cutter, C. A. Rules for a dictionary catalogue. 133 p O. Washington 1889. 025 C98

Dewey, M. Tables and index of the decimal classification and relativ index for arranging and cataloging libraries, clippings, notes, etc. Ed. 3. 588 p. Q. Boston 1888. 025 qD57

——— Library school card catalog rules. 48 p. O. Boston 1890. 027 D57

Ireland, A. Address on the moral influence of free libraries, delivered at the opening of the Longsight Branch Library, July, 1892. 13 p. O. Manchester 1892. 027 pIr2

Manchester, Public Free Library. Fortieth annual report to the council of the city of Manchester on the working of the public free libraries. 34 p. O. Manchester 1892. 027 pM31

Mourlon, M. Sur une réforme à apporter dans les bibliothèques scientifiques. 3 p. O. Bruxelles 1891. 029 pM86

400 PHILOLOGY.

Crane, Agnes. The origin of speech and development of language. 22 p. S. Brighton, n.d. 401 pC85

Cole, E. M. On Scandinavian place names in the East Riding of Yorkshire. 35 p. O. York 1879. 435 pC67

Bute, Marquess of. On the ancient language of the natives of Teneriffe. 54 p. O. London 1891. 460 pB97

Donnegan, J. New Greek and English lexicon. 1608 p. O. London 1837. 483 D71

Young, T. An account of some recent discoveries in hieroglyphical literature and Egyptian antiquities. 160 p. O. London 1823. 493 Y8

500 SCIENCE.

502 GENERAL WORKS.

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Museum Regulations.

1 The Museum is open to the public daily, from 11 a.m. to 4 p.m. during the months of November to February; 11 to 5 during March, April, September, October, and 11 to 6 from May to August. Admission free and without ticket.

2 The Museum and Museum Library are further open to persons desirous to make use of them for the purposes of study. The Keeper will issue tickets of admission on suitable recommendation.

3 Students of the College are admitted to the Museum on any day in the week between the hours of 10 a.m. and 5 p.m. Those whose studies necessitate access to the specimens and the loan, for use in the Museum buildings only, of the books in the Museum Library, may procure Students' tickets from the Keeper, on the recommendation of the Professors or Lecturers in the several departments, such tickets to be valid only for the session in which they were issued.

4. The Museum is closed on Ash Wednesday, Good Friday, and Christmas Day.

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